

1 **ABSTRACT OF THE DISCLOSURE**

2 A transmission apparatus to hold a lock core of a supplemental lock
3 includes an inner housing, a lock coupler, a latch bolt coupler, a restitution
4 element and a cover. The inner housing has a lock core chamber. The lock
5 coupler is rotatably mounted in the lock core chamber and includes a rotatable
6 outer disk coupler and two lock coupling arms. The outer disk coupler has a flat
7 edge. The lock coupling arms connect to the lock core that rotates the outer disk
8 coupler. The latch bolt coupler is rotated by the lock coupler and includes a latch
9 coupling arm and a longitudinal tab. The restitution element is mounted around
10 the latch coupling arm. The cover is attached to the rear of the inner housing.
11 Consequently, the flat edge abuts the longitudinal tab that rotates the latch
12 coupling arm when the outer disk coupler is rotated.